

# Tawanna R. Dillahunt

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## EMPLOYMENT

9/2020 - present	<b>Associate Professor (with tenure)</b> , School of Information, University of Michigan
9/2014–8/2020	<b>Assistant Professor (tenure-track)</b> , School of Information, University of Michigan
6/2014–9/2014	<b>Visiting Professor</b> , School of Information, University of Michigan
1/2013–6/2014	<b>Presidential Postdoctoral Fellow</b> , School of Information, University of Michigan; Mentor: Dr. Paul Resnick
6/2011-12/2013	<b>Chief Technology Officer, Product Lead, Product Developer</b> , <i>EEme, Pittsburgh, PA</i>
2007-2012	<b>Carnegie Mellon University</b> , <i>Human-Computer Interaction Institute, School of Computer Science, Pittsburgh, PA</i> Graduate Researcher
Summer 2010	<b>IBM TJ Watson Research</b> , <i>Social Computing Group, Hawthorne, NY</i> Research Intern
2006-2007	<b>Intel Corporation</b> , <i>LAN Access Division, Hillsboro, OR</i> Network Software Engineer
2000-2006	<b>Intel Corporation</b> , <i>Desktop Boards Division, Hillsboro, OR</i> Software Engineer, Software Validation Lead (2006)
Summer 1999	<b>General Electric Lighting</b> , <i>Global Infrastructure, Nela Park, OH</i> Network Summer Intern
Summer 1996-1998	<b>IBM</b> , <i>Networking Hardware Division (1998); Networking Software Division (1996-1997), Research Triangle Park, NC</i> Inroads Intern

## EDUCATION

2013	<b>Ph.D. in Human-Computer Interaction</b> , Carnegie Mellon University Area: Human-Computer Interaction (HCI), Pervasive and Ubiquitous Computing (UbiComp), Computer Supported Collaborative Work and Social Computing (CSCW); Advisor: Dr. Jennifer Mankoff Thesis Topic: <i>Using Social Technologies to Increase Sharing and Communication around Household Energy Consumption in Low-Income and Rental Communities</i>
2011	<b>M.S., Human-Computer Interaction</b> , Carnegie Mellon University
2005	<b>M.S., Computer Science, Human-Computer Interfaces</b> , Oregon Graduate Institute at the Oregon Health and Science University
2000	<b>B.S., Computer Engineering</b> , North Carolina State University, Magna Cum Laude

#### HONORS AND AWARDS

2021	UMSI (Faculty) Diversity Equity and Inclusion Award Winner
2020	Eastside Community Network's (ECN) Outstanding Partner Award, which honors a community leader or organization that exemplifies a selfless commitment to the betterment of eastside residents, businesses and our children.
2020	Recipient of the Inaugural Skill Ellis Early Career Award
2020	ACM Conference on Human Factors in Computing Systems (CHI) Best Paper Honorable Mention
2019	ACM CHI Best Paper
2018	ACM CHI Best Paper Honorable Mention ACM Designing Interactive Systems (DIS) Best Paper Honorable Mention
2018	UMSI Joan Durrance Community Engagement Award
2017	ACM Conference on Pervasive and Ubiquitous Computing (UbiComp),
2015	Best Paper Award Honorable Mention
2015	Kavli Fellow, National Academy of Sciences
2015	Consortium for the Science of Sociotechnical Systems (CSST) Fellow
2013, 2014	Richard Tapia Scholarship Recipient
2012	Ford Fellowship Dissertation Competition, Honorable Mention
2011, 2012	IBM Ph.D. Fellowship Recipient
2011	Fran Allen IBM Ph.D. Fellowship
2009-2012	Xerox Technical Minority Scholarship recipient

**PUBLICATIONS** (Underline indicates students at the time of publication, \*\*\*indicates community members)

#### PEER-REVIEWED JOURNALS

[J.14] **Dillahun**, T.R., Garvin, M., Held, M., Hui, J. (2021). Implications for Supporting Marginalized Job Seekers: Lessons from Employment Centers. In *Proc. ACM Hum.-Comput. Interact.*, Vol. 5, No. CSCW2, Article 324 (October 2021).

[J.13] Lu, A., **Dillahun**, T.R., Marcu, G., Ackerman, M. (2021). Data Work in Education: Enacting and Negotiating Care and Control in Teachers' Use of Data-driven Classroom Surveillance Technology. In *Proc. ACM Hum.-Comput. Interact.*, Vol. 5, No. CSCW1, Article 452 (October 2021).

[J.12] Israni, A., Ellison, N.B., **Dillahun**, T.R. (2021). 'A Library of People':

Online Resource-Seeking in Low-Income Communities. In *Proc. ACM Hum.-Comput. Interact.*, Vol. 5, No. CSCW1, Article 152 (April 2021).

[J.11] Yan, X., Zhao, X., Han, Y., Van Hentenryck, P., & **Dillahunt, T.** (2021). Mobility-on-demand versus fixed-route transit systems: an evaluation of traveler preferences in low-income communities. *Transportation Research Part A* (to appear).

[J.10] Li, L., **Dillahunt, T.R.**, Rosenblat, T. (2019). Does ‘Gig work’ help to mitigate the negative effects of long-term unemployment for low-skilled job seekers? In *Proceedings of the ACM on Human-Computer Interaction*, (CSCW), Vol. 3, 156 (November 2019). [Acceptance Rate: 31%].

[J.9] Avle, S., Hui, J., Lindtner, S., **Dillahunt, T.R.** (2019). Additional Labors of the Entrepreneurial Self. In *Proceedings of the ACM on Human-Computer Interaction* (CSCW), Vol. 3, 218 [Acceptance Rate: 31%].

[J.8] Goodspeed, R., Xie, T., **Dillahunt, T.R.**, Lustig, J. (2019). An alternative to slow transit, drunk driving, and walking in bad weather: An exploratory study of resourcing mode choice and demand. *Journal of Transport Geography*, Vol. 79, 2019, 102481.

[J.7] **Dillahunt, T.R.** and Veinot, T.C. (2018). Getting There: Barriers and Facilitators to Transportation Access in Underserved Communities. In *ACM Transactions on Computer-Human Interaction* (TOCHI), 25(5), 29.

[J.6] Hsiao, J.C., **Dillahunt, T.R.** (2018). Technology to Support Immigrant Access to Social Capital and Adaptation to a New Country. In *Proceedings of the ACM on Human-Computer Interaction*, (CSCW), Vol. 2., 70. [Acceptance rate: 25.6%]

[J.5] Hui, J., Toyama, K., Pal, J., **Dillahunt, T.R.** (2018). Making a Living My Way: Necessity-driven Entrepreneurship in Resource-Constrained Communities. In *Proceedings of the ACM on Human-Computer Interaction* (CSCW), Vol. 2., 70. [Acceptance rate: 25.6%]

[J.4] **Dillahunt, T.R.**, \*Wang, X., \*Wheeler, E., Cheng, H.F., Hecht, B., Zhu, H. (2017). The Sharing Economy in Computing: A Systematic Literature Review. *Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing* (CSCW), 38. [Acceptance rate: 27.3%]. \*=equal contribution.

[J.3] **Dillahunt, T.R.**, Lyra, O., Barreto, M., Karapanos, E. (2017). Reducing children’s psychological distance from climate change via eco-feedback technologies. *International Journal of Child-Computer Interaction*, 13, 19-28.

[J.2] Vyas, D., **Dillahunt, T.R.** (2017). Everyday Resilience: Supporting

Resilient Strategies among Low Socioeconomic Status Communities.  
*Proceedings of the ACM on Human-Computer Interaction*, 1(CSCW), 105.  
[Acceptance rate: 27.3%]

[J.1] **Dillahunt, T.**, Wang, Z., Teasley, S.D. Democratizing Higher Education: Exploring MOOC Use Among Those Who Cannot Afford a Formal Education. *The International Review of Research in Open and Distance Learning* 15, no. 5 (2014).

#### PEER-REVIEWED CONFERENCE PROCEEDINGS

[C.30] Lu, Alex J., Marcu, G., Ackerman, M., **Dillahunt, T.R.** Coding Bias in the Use of Behavior Management Technologies: Uncovering Socio-technical Consequences of Data-driven Surveillance in Classrooms. In *Proceedings of Designing Interactive Systems (DIS '21)*. ACM, New York, NY, USA. [Acceptance rate: ~26%] **Best Paper Award, honorable mention** (top 5%)(pdf)

[C.29] Cherubini, M., Lu, A.J., Hsiao, J.C., Zhao, M., Aggarwal, A., and **Dillahunt, T.R.** (2021). Elucidating Skills for Job Seekers: Insights and Critical Concerns from a Field Deployment in Switzerland. In *Designing Interactive Systems Conference 2021 (DIS '21)*. Association for Computing Machinery, New York, NY, USA, 449–465. [Acceptance rate: ~26%]

[C.28] **Dillahunt, T.R.**, \*Israni, A., \*Lu, A.J., Cai, M., Hsiao, J.C.Y. (2021). Examining the Use of Online Platforms for Employment: A Survey of US Job Seekers. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)* (to appear) [Acceptance rate: 25.7%].  
\*-equal contribution

[C.27] Harrington, C.N., **Dillahunt, T.R.** (2021). Eliciting Tech Futures Among Black Young Adults: A Case Study of Remote Speculative Co-Design. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)* (to appear) [Acceptance rate: 25.7%].

[C.26] Maestre, J.F., **Dillahunt, T.R.**, Theisz, A.A., Furness, M., Kameswaran, V., Veinot, T., Shih, P.C. (2021). Examining mobility among people living with HIV in rural areas. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)* (to appear) [Acceptance rate: 25.7%].

[C.25] **Dillahunt, T.R.**, Hsiao, J.C.Y. (2021). SkillsIdentifier: A Tool to Promote Career Identity and Self-efficacy Among Underrepresented Job Seekers. 54th Annual Hawaii International Conference on System Sciences, 2021. Proceedings of the. IEEE, IEEE Computer Society Press, New York, NY. [Acceptance rate: 47%].

[C.24] **Dillahunt, T.R.**, Hsiao, J.C.Y. (2020). Positive Feedback and Self-Reflection: Features to Support Self-Efficacy among Resource-Constrained Job Seekers. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*

(CHI '20). ACM, New York, NY, USA, 1-13.  
[Acceptance rate: 24.3%]

[C.23] Hui, J., Toyama, K., **Dillahun**, T.R. (2020). Community Collectives: Low-tech Social Support for Digitally-Engaged Entrepreneurship. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20)(to appear). ACM, New York, NY, USA. [Acceptance rate: 24.3%] **Best Paper Award, honorable mention** (top 5%)

[C.22] **Dillahun**, T.R., Lu, A. (2019). DreamGigs: Designing a Tool to Empower Low-Resource Job Seekers. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI '19). ACM, New York, NY, USA.  
[Acceptance rate: 23.8%]

[C.21] **Dillahun**, T.R., Simioni, S., Xu, X. (2019). Online Grocery Delivery Services: An Opportunity to Address Food Disparities in Transportation-Scarce Areas. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI '19). ACM, New York, NY, USA.  
[Acceptance rate: 23.8%] **Best Paper Award** (top 1%)

[C.20] Obgonnaya-Ogburu, I.F., Toyama, K., **Dillahun**, T.R., (2019). Towards an Effective Digital Literacy Intervention to Assist Returning Citizens with Job Search. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (CHI '19). ACM, New York, NY, USA. [Acceptance rate: 23.8%]

[C.19] **Dillahun**, T.R., Lam, J., Lu, A., Wheeler, E. (2018). Designing Future Employment Applications for Underserved Job Seekers: A Speed Dating Study. In *Proceedings of Designing Interactive Systems* (DIS '18). ACM, New York, NY, USA. [Acceptance rate: 23%] **Best Paper Award, honorable mention** (top 5%)

[C.18] **Dillahun**, T.R., Kameswaran, V., McLain, D., \*\*\*Lester, M., \*\*\*Orr, D., Toyama, K. (2018). Entrepreneurship and the Socio-Technical Chasm in a Lean Economy. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (CHI '18). ACM, New York, NY, USA.  
[Acceptance rate: 25.7%] **Best Paper Award, honorable mention** (top 5%)

[C.16] Wheeler, E. and **Dillahun**, T.R. (2018). Navigating the Job Search as a Low-Resourced Job Seeker. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (CHI '18). ACM, New York, NY, USA.  
[Acceptance rate: 25.7%]

[C.15] Kameswaran, V., Cameron, L., **Dillahun**, T.R. (2018). Support for Social and Cultural Capital Development in Real-time Ridesharing Services. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (CHI '18). ACM, New York, NY, USA. [Acceptance rate: 25.7%]

[C.14] Hsiao, J.C., Moser, C., Schoenebeck, S. and **Dillahun**, T.R. (2018). The Role of Demographics, Trust, Computer Self-efficacy, and Ease of Use in the

Sharing Economy. In *Proceedings of the 1st ACM SIGCAS Conference on Computing and Sustainable Societies (COMPASS '18)*. ACM, New York, NY, USA.

[C.13] **Dillahunt, T.R.**, Kameswaran, V., Li, L., Rosenblat, T. (2017). Uncovering the Values and Constraints of Real-time Ridesharing for Low-resourced Populations. The Promise of the Sharing Economy among Disadvantaged Communities. In *Proceedings of the ACM 34th international conference on Human factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA.  
[Acceptance rate: 25%].

[C.12] Hsiao, C.Y., **Dillahunt, T.R.** (2017). People-Nearby Applications: How Newcomers Move Their Relationships Offline and Develop Social and Cultural Capital. In *Proceedings of the 18th international conference of the Computer Supported Cooperative Work and Social Computing Conference (CSCW '17)*.  
[Acceptance rate: 34%].

[C.11] **Dillahunt, T.**, Bose, N., Diwan, S., Chen-Phang, A. Designing for Disadvantaged Job Seekers: Insights from Early Investigations. (2016). In *Proceedings of the 2016 ACM Conference on Designing Interactive Systems*, (DIS '16) [Acceptance rate: 26%].

[C.10] **Dillahunt, T.**, Ng, S., Fiesta, M., Wang, Z. (2016). Do Massive Open Online Course Platforms Support Employability? In *Proceedings of the 17th international conference of the Computer Supported Cooperative Work and Social Computing Conference (CSCW '16)* [Acceptance rate: 25%].

[C.9] Wyche, S., **Dillahunt, T.R.**, Simiyu, N., and Alaka, S. (2015). "If God Gives me the Chance I will Design my Own Phone": Exploring Mobile Phone Repair and Postcolonial Approaches to Design in Rural Kenya. In *Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing* (pp. 463-473). ACM. (UbiComp '15) **Best Paper Award, honorable mention**,  
[Acceptance rate: 23.6%].

[C.8] **Dillahunt, T.**, and Malone, A.R. (2015). The Promise of the Sharing Economy among Disadvantaged Communities. In *Proceedings of the ACM 32nd international conference on Human factors in computing systems* (CHI '15) [Acceptance rate: 23%].

[C.7] **Dillahunt, T.R.**, Fostering Social Capital in Economically Distressed Communities. In *Proceedings of the 33<sup>rd</sup> international conference international on Human factors in computing systems*, 2014. [Acceptance rate: 22.8%]

[C.6] **Dillahunt, T.**, Mankoff, J. Understanding factors of successful engagement around energy consumption between and among households. *Proceedings of the 17th international conference of the Computer Supported Cooperative Work and Social Computing Conference*, 2014. [Acceptance rate: 27%]

[C.5] Shrinivasan, Y., Jain, M., Seetharam, D., Choudhary, A., Huang, E., **Dillahun**, T., Mankoff, J. Deep Conservation in Urban India and its Implications for the Design of Conservation Technologies. *Proceedings of the 31st international conference on Human factors in computing systems*, 2013. [Acceptance rate: 20%]

[C.4] **Dillahun**, T., Mankoff, J., Paulos, E. Understanding conflict between landlords and tenants: Implications for energy sensing and feedback. *Proceedings of the 11th international conference on Ubiquitous computing*, 2010. [Acceptance rate: 19.3%]

[C.3] Mankoff, J., Fussell, S., **Dillahun**, T., Glaves, R., Grevet, C., Johnson, M., Matthews, D., Matthews, H.S., McGuire, R., Thompson, R. StepGreen.org: Increasing energy saving behaviors via social networks. *International AAAI Conference on Weblogs and Social Media (ICWSM)* 2010. [Acceptance rate: 19%]

[C.2] **Dillahun**, T., Mankoff, J., Paulos, E., Fussell, S. It's not all about green: energy use in low-income communities. *Proceedings of the 11th international conference on Ubiquitous computing*, 2009. [Acceptance rate: 12.9%]

[C.1] Froehlich, J., **Dillahun**, T., Klansja, P., Mankoff, J., Consolvo, S., Harrison, B., Landay, J. UbiGreen: investigating a mobile tool for tracking and supporting green transportation habits. *Proceedings of the 27th international conference on Human factors in computing systems*, 2009. [Acceptance rate: 24%]

#### WORKSHOPS ORGANIZED (LIGHTLY REVIEWED)

[W.3] Cameron, L., Christin, A., DeVito, M.A., **Dillahun, T.R.**, Elish, M., Gray, M., Qadri, R., Raval, N., Valentine, M., Watkins, E.A. (2021). "This Seems to Work": Designing Technological Systems with The Algorithmic Imaginations of Those Who Labor. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21) Workshop*.

[W.2] Sturdee, M., Lindley, J., Linehan, C., Elsdon, C., Kumar, N., **Dillahun, T.R.**, Mandryk, R.L., Vines, J. (2021). Consequences, Schmonsequences! Considering the Future as Part of Publication and Peer Review in Computing Research Workshop. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21) Workshop*.

[W.1] **Dillahun, T.R.**, Erete, S., Galusca, R., Israni, A., Nacu, D., Sengers, P. (2017). In *Proceedings of the 20th international conference of the Computer Supported Cooperative Work and Social Computing (CSCW) Conference Workshop: Reflections on design methods for underserved communities*.

#### WORKSHOP POSITION PAPERS (LIGHTLY REVIEWED)

[WPP.11] Williams, A., Davis, S., Goulet, S., Kameswaran, V., Ankrah, E., **Dillahun, T.**, Buis, L., Veinot, T. Intermediary Practices for Low-Income Telehealth Users in the COVID-19 Era. Workshop on Interactive Systems in Healthcare (WISH) 2020 @ American Medical Informatics Association (AMIA).

[WPP.10] **Dillahunt, T.R.** and Harrington, C.N. Eliciting Speculative Design Fictions from the Margins. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems* (CHI '20). Design Futures Workshop.

[WPP.9] Fedosof, A., Lampinen, A., **Dillahunt, T.**, Light, A., Ceshire, C. (2019). Special Interest Group on Cooperativism and Human-Computer Interaction at CHI.

[WPP.8] Hui, J., **Dillahunt, T.** (2018). Opportunities for Supporting Micro-entrepreneurs in Resource-Constrained Communities. In *Proceedings of the Computer Supported Cooperative Work and Social Computing*, Vol. 2. No. CSCW, Power Struggles in the Digital Economy Workshop.

[WPP.7] Hui, J., Wheeler, E., **Dillahunt, T.** (2018). Sensemaking for Professional Development: Opportunities and Challenges. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (CHI '18). Sensemaking Workshop.

[WPP.6] **Dillahunt, T.**, Wang, Y. (2018). Non-cognitive Assessments at Scale: MOOCs and Employability. *Companion Proceedings 8th International Conference on Learning Analytics & Knowledge* (LAK18).

[WPP.5] Kameswaran, V., Marathe, M., **Dillahunt, T.**, Pal, Joyojeet, Reinecke, K., and Toyama, K. Project boost: Addressing the “socio” in a socio-technical system to improve income-earning opportunities in urban America. In *Proceedings of the 33rd international conference on Human factors in computing systems* (CHI '16). Workshop: Development Consortium 2016: HCI Across Borders.

[WPP.4] **Dillahunt, T.** Creating resilient communities for post-sustainable times, In *Proceedings of the 31st international conference on Human factors in computing systems* (CHI' 13), Workshop: Post-Sustainability, 2013.

[WPP.3] Jain, M., Shrinivasan, Y., **Dillahunt, T.** Replicating Residential Sustainability Study in Urban India. In *Proceedings of the 31st international conference on Human factors in computing systems* (CHI '13), Workshop: Replication 2013.

[WPP.2] **Dillahunt, T.** Mankoff, J., Forlizzi, J. A proposed framework for assessing environmental sustainability in the HCI community. In *Proceedings of the 29th international conference on Human factors in computing systems* (CHI '10), Workshop: Examining appropriation, reuse, and maintenance.

[WPP.1] **Dillahunt, T.**, Becker, G., Mankoff, J., Kraut, R. Motivating environmentally sustainable behavior changes with a virtual polar bear. In *Pervasive 2008 Workshop Proceedings*. Workshop: Pervasive Persuasive Technology and Environmental Sustainability.



## EXTENDED ABSTRACTS / POSTERS (LIGHTLY REVIEWED)

- [E.12] Hsiao, J.C.Y., **Dillahun, T.R.**, (2021). More than Shared Ethnicity: Shared Identity's Role in Transnational Newcomers' Trust in Local Consumer-to-Consumer E-commerce. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems Late-Breaking Works (CHI '21)* .
- [E.11] Kwon, S.A., Keshav, C., Schaub, F., **Dillahun, T.** (2019). Emokey: Tangible Online Authentication. In *Fifteenth Symposium on Usable Privacy and Security (SOUPS 2019 Posters)*.
- [E.10] Starks, D.L., **Dillahun, T.**, and Oliver L. Haimson. 2019. Designing Technology to Support Safety for Transgender Women & Non-Binary People of Color. (2019). In *Companion Publication of the 2019 on Designing Interactive Systems Conference 2019 Companion (DIS '19 Companion)*. ACM, New York, NY, USA, 289-294.
- [E.9] Obgonnaya-Ogburu, I.F., Toyama, K., and **Dillahun, T.** 2018. Returning Citizens' Job Search and Technology Use: Preliminary Findings. In *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '18)*. ACM, New York, NY, USA, 365-368.
- [E.8] Lu, A., Brill, J., and **Dillahun, T.R.** 2018. DreamGigs: A. In *Companion of the 2018 ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '18)*. ACM, New York, NY, USA, 317-320.
- [E.7] Hsiao, C.Y., **Dillahun, T.R.** (2017). People-nearby applications: How newcomers move their relationships offline and develop social and cultural capital. In *Proceedings of the 34th international conference on Human factors in computing systems (CHI '17)*. Late Breaking Work, Extended Abstracts on Human factors in computing systems.
- [E.6] Wheeler, E., **Dillahun, T.R.**, Rieh, S.Y. (2017). Opportunities to address Information poverty with social search. In *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems* (pp. 2224-2231). ACM.
- [E.5] **Dillahun, T.**, Brooks, C., Gulati, S. (2015). Detecting and Visualizing Filter Bubbles in Google and Bing. In *Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems* (pp. 1851-1856). ACM.
- [E.4] Brooks, C., Stalburg, C., **Dillahun, T.**, Robert, L. 2015. Learn with Friends: The Effects of Student Face-to-Face Collaborations on Massive Open Online Course Activities. In *Proceedings of the Second (2015) ACM Conference on Learning@Scale* (pp. 241-244). ACM.
- [E.3] Jen, B., Kaur, J., De Heus, J., **Dillahun, T.** Analyzing Employment Technologies for Economically Distressed Individuals. In *Proceedings of the*

*extended abstracts of the 32nd annual ACM conference on Human factors in computing systems* (pp. 1945-1950). ACM.

[E.2] **Dillahunt, T., Chen, B.**, Teasley, S. Model Thinking: Demographics and Performance of Students Unable to Afford a Formal Education. In *Proceedings of the first ACM conference on Learning@ scale conference* (pp. 145-146). ACM.

[E.1] Lee, M., **Dillahunt, T.**, Pendleton, B., Kraut, R., Kiesler, S. Tailoring websites to increase contributions to online communities. In *CHI'09 Extended Abstracts on Human Factors in Computing Systems* (pp. 4003-4008).

#### PEER-REVIEWED ARTICLES

[A.4] Erete, S., Israni, A., and **Dillahunt, T.** 2018. An intersectional approach to designing in the margins. *Interactions* 25, 3 (April 2018), 66-69. DOI: <https://doi.org/10.1145/3194349>

[A.3] Silberman, M.S., Nathan, L., Knowles, B., Bendor, R., Clear, A., Håkansson, **Dillahunt, T.**, Mankoff, J. Next steps for sustainable HCI. *Interactions*, September – October 2014.

#### INVITED ARTICLES

[A.3] Brown, Q., Grandison, T., Burge, J.D., Jenkins, O.C., **Dillahunt, T.** Reflections on black in computing. *Communications of the ACM (CACM)*, Volume 64, Issue 4, pages 23-24. ACM, NY, NY.

[A.2] **Dillahunt, T.** Technology for Underserved Communities. *ACM Queue Research for Practice*: Expert-curated guides to the best of CS research.

[A.1] **Dillahunt, T.** (2011). In the dark, out in the cold. *XRDS: Crossroads, The ACM Magazine for Students*.

#### TECHNICAL REPORTS

[TR.1] **Dillahunt, T.**, Mankoff, J. (2012). Design implications for social-energy applications. CMU-HCII-12-100, SCS, Carnegie Mellon University, Human-Computer Interaction Institute Collection.

#### INVITED TALKS AND PANELS

[T.44] In Search of Community-Based Solutions to Transportation Challenges among Historically-Excluded and Transportation-Scarce Communities, **NYU Center for Urban Science + Progress (CUSP)**, (virtual), November 19, 2021.

[T.43] Rethinking the Role of Digital Employment Tools: Providing support among Job Seekers Experiencing Marginalization, **Yale Computation & Society Initiative**, (virtual), April 23, 2021.

[T.42] Rethinking the Role of Digital Employment Tools: Providing support among Job Seekers Experiencing Marginalization, **Microsoft Research** (virtual), April 20, 2021.

[T.41] Rethinking the Role of Digital Employment Tools: Providing support among Job Seekers Experiencing Marginalization, **Carnegie Mellon University, Human-Computer Interaction Institute** (virtual), February 19, 2021

[T.40] Panelist for A Conversation About an Inclusive Future of Work, Microsoft New Future of Work workshop, **virtual** panel, summer 2020

[T.39] Panelist for the Building Adaptive Capacity in learning environments in the time of COVID-19: (Towards) Evidence-Driven Innovation and Resilience at the University of Michigan MIDAS workshop, **virtual** panel, summer 2020

[T.38] Panelist for Transparency in Qualitative Research: Increasing Fairness in the CHI Review Process, **virtual** panel, summer 2020

[T.37] Invited panelist for CHIME's Being a Minority in SIGCHI, **virtual** panel, summer 2020

[T.36] Designing and Envisioning Digital Tools for Low-resource Job Seekers in the U.S., **International Institute of Information Technology-Bangalore (Center for Information Technology and Public Policy)**, Karnataka, India, August 1, 2019

[T.35] Designing and Envisioning Digital Tools for Low-resource Job Seekers in the U.S., **Microsoft-Research Lab-Bangalore**, Karnataka, India, July 30, 2019.

[T.34] How to Social Media Responsibly, **DiverseNote Mobility Technical Education Training Program**, Detroit, MI, July 11, 2019.

[T.33] Designing Next Generation Digital Employment Tools: Year 2 Report Out, **Michigan Works! Southeast Workforce Development Board Meeting**, Chelsea, MI. July 10, 2019

[T.32] Designing and Envisioning Digital Tools for Low-resource Job Seekers. **University of California Irvine (UC-Irvine)**, Irvine, California, May 17, 2019.

[T.31] Designing and Envisioning Digital Tools for Low-resource Job Seekers. **Detroit Employment Solutions Corporation**, Detroit, MI, March 22, 2019.

[T.30] Designing and Envisioning Digital Tools for Low-resource Job Seekers. Computing Research Association Women/Institute for African-American Mentoring in Computer Science (CRA-W/iAAMCS) **Distinguished Lecture Series at the Minnesota Women In Computing** (Minne-WIC), University of Minnesota Duluth (UMD), Duluth, Minnesota, February 16, 2019.

[T.29] Screenshot: How to Social Media Responsibly at the Challenge to Change Expo-Youth Edition, **Ypsilanti Community High School**, Ypsilanti, Michigan. February 9, 2019.

[T.28] Designing and Envisioning Digital Tools for Low-resource Job Seekers, **Mechanism Design for Social Good (MD4SG) Online Colloquium Series**, January 25, 2019.

[T.27] Designing for Employability: Envisioning Tools for Low-resource Job Seekers, **Monthly Data@Work Researcher's Call, University of Chicago**, July 18, 2018.

[T.26] Designing for Employability: Envisioning Tools for Low-resource Job Seekers, **Stanford**, HCI Seminar Series, Stanford, CA. May 18, 2018.

[T.25] Designing for Employability: Envisioning Tools for Low-resource Job Seekers, **Michigan Works! Southeast Workforce Development Board Meeting**, Chelsea, MI. May 9, 2018.

[T.24] Next Generation Employment Tools: End of Year Report Out, **Michigan Works! Association**, Ypsilanti, MI. March 9, 2018.

[T.23] How are technologies being used to support underserved learners? Learning with MOOCs conference panelist. **University of Austin**, Austin, Texas. October 9, 2017.

[T.22] The Challenges and Opportunities for Real-time Ridesharing Services to address Unemployment Barriers among Low-Resourced Populations. Technology & Social Behavior Seminar Series, **Northwestern University**. Evanston, IL. April 13, 2017.

[T.21] The Challenges and Opportunities for Real-time Ridesharing Services to address Unemployment Barriers among Low-Resourced Populations. Human-Computer Interaction Institute Seminar Series at **Carnegie Mellon University**, Pittsburgh, PA. April 7, 2017.

[T.20] The Challenges and Opportunities for Real-time Ridesharing Services to address Unemployment Barriers among Low-Resourced Populations. Design Use Build (dub), HCI & Design at the **University of Washington**. Seattle, WA. March 8, 2017.

[T.19] The digital-sharing economy at work: How riders living in transportation-scarce areas of Detroit experience Uber. The Hope Village Initiative, **FocusHOPE**, Detroit, MI. February, 22, 2017.

[T.18] Exploring Opportunities for Information and Communication Technologies to Address the Employment Needs of Underserved Populations. Information & Media Lecture Series at **Michigan State University**, East Lansing, MI. February 7, 2017.

[T.17] The platform economy at work: How drivers and riders experience Uber.

**Interdisciplinary Committee on Organizational Studies (ICOS) Ross School of Business**, Ann Arbor, MI. November 10, 2016.

[T.16] Investigating Opportunities for Information and Communication Technologies to Address the Employment Needs of Underserved Populations. **University of California Berkeley**, Institute of Design (BID). Berkeley, CA. November 8, 2016.

[T.15] Exploring Opportunities for ICTs to Support the Employment Needs of Underserved Populations. **University of Michigan's Institute for Research on Labor, Employment, and the Economy (IRLEE)**. Ann Arbor, MI. June 30, 2016.

[T.14] Addressing the Employment Needs of Underserved Populations with ICTs. GroupLens. **University of Minnesota**. Minneapolis, MN. May 31, 2016.

[T.13] Increasing Socio-technical capital for Employment with Information and Communication Technologies (ICTs). **Howard University**, Department of Computer Science. Washington, DC. February 25, 2016.

[T.12] Fostering Social Capital in Economically Distressed Communities. **Focus Hope Village** Initiative Leadership meeting. Detroit, MI. February 25, 2015.

[T.11] Understanding Massive Open Online Courses (MOOCS) as a Pathway to Employment for Low-Income Populations. **Student Learning and Analytics at Michigan (SLAM)**, Ann Arbor, MI. November 21, 2014.

[T.10] Connecting Disadvantaged Populations to ICTs. Ph.D. Alumni in Academia panel. **Carnegie Mellon**. HCII 20th Anniversary. Pittsburgh, PA. November 15, 2014.

[T.9] Fostering Social Capital in Economically Distressed Communities. **University of Michigan Ford School**: Diversity Center's Community Conversations. Ann Arbor, MI. October 22, 2014.

[T.8] Unlocking the Hidden Potential of Massive Open Online Courses. **Keynote for the Pittsburgh Science and Learning Center's (PSLC's) Professional Development Workshop at Carnegie Mellon University**. Pittsburgh, PA. June 15, 2014.

[T.7] Leveraging Information and Communication Technologies (ICTs) to Improve Social Mobility among Vulnerable Populations in the U.S. **UMSI Advisory Board**, May 28, 2014.

[T.6] Can you do good and do well? Exploring HCI Careers for Societal Impact. **The ACM Conference on Human Factors in Computing Systems (CHI)**. Toronto, CA. May 1, 2014.

[T.5] Low-Income Populations and the Potential Effect of MOOCs on Economic Mobility. **Learning and Ed Technology at the School of Information (LETSI)**. Ann Arbor, MI. April 3, 2014.

[T.4] Fostering Social Capital in Economically Distressed Communities. Technology and Social Behavior Group at **Northwestern University**. Evanston, IL. March 26, 2014.

[T.3] Understanding Massive Open Online Courses as a Pathway to Employment for Low-Income Populations. **Massive Open Online Courses Research Initiative**. Arlington, TX. December 6, 2013.

[T.2] Leveraging ICTs to Address Environmental and Socioeconomic Issues among Disadvantaged Populations. Proactive Health Informatics Speaker Series and Rob Kling Center for Social Informatics at **Indiana University**. Bloomington, IN. October 25, 2013.

[T.1] Using Social Technologies to Increase Sharing and Communication around Household Energy Consumption in Low-Income and Rental Communities. **Rochester Institute of Technology**. Rochester, NY. September 20, 2013.

## FUNDING

**SCC-IRG Track 2: The “Community Tech Workers”: A Community-Driven Model to Support Economic Mobility and Bridge the Digital Divide in the U.S.** *National Science Foundation, 2022 - 2024 (\$1,419,769 PI).*

**Community-Engaged Research: Supporting Under-resourced Small Business Owners in Building Local Assets to Meet Digital Needs** *Ewing Marion Kauffman Foundation, 2021 - 2022 (\$300,000 Co-PI)*

**EAGER SAI: Community-Informed Surveillance Infrastructure for Public Safety and Equity** *National Science Foundation, 2021 - 2023 (\$299,779 PI)*

**Research Catalyst and Innovation Program Anti-Racism Grants: Surveillance Tech and the Racial Divide: Using Voice to Capture Black Experiences of Policing among Eastside Detroiters** *UMOR, 2021 -2022 (\$49,900 PI)*

**Elizabeth Caroline Crosby funding for Professional Development** *UM ADVANCE and UMSI, \$15,600*

**“The ‘Community Tech Workers’: A Community-Driven Model to Support Economic Mobility by Bridging the Digital Divide,”** *Community-Academic Research Partnerships Grant Program, Research on Strategies to Prevent and Alleviate Poverty in Michigan, 2021-2022 (\$30,000 PI).*

**"Time dollars as alternative currency to address transportation scarcity within Detroit’s low-income communities"** *UM Poverty Solutions Research on Strategies to Prevent and Alleviate Poverty (\$20,000 Co-PI).*

**RAPID COVID-19: Sociotechnical Systems and Complexity Reduction: Enhancing Access to Digital Essential Services for Low-Income Communities during a Public Health Crisis.** *National Science Foundation, 2020-2021 (\$199,931)(Co-PI)*

**SCC-IRG Track 1: Food Information Networks (FINs): Building data-driven supports for increasing access and healthy food choices in low-income neighborhoods** *Department of Agriculture, 2020 - 2024, \$455,000 (Subgrant with Notre Dame; UM PI)*

**CHS: Small: Collaborative Research: Shared Mobility Systems to Address Transportation Barriers of Underserved Urban and Rural Communities.** *National Science Foundation, 2020-2023 (\$288,231)(Co-PI)*

**CHS: Medium: Collaborative Research: Regional Experiments for the Future of Work in America.** *National Science Foundation, 2019-2021, \$610,000(Co-PI)*

**CHS: Small: Designing Next Generation Digital Employment and Recruitment Intervention Tools: Identifying Technical Features to Support Underserved Job Seekers in the U.S.** *National Science Foundation #IIS-1717186, 2017-2020 (\$499,729) (PI)*

**REU Supplement: CHS: Small: Designing Next Generation Digital Employment and Recruitment Intervention Tools: Identifying Technical Features to Support Underserved Job Seekers in the U.S.** *National Science Foundation #IIS-1717186, 2019 (\$16,000)(PI)*

**Fostering Sustainable Community-based Entrepreneurship via the Detroit Neighborhood Tours Collective** *UM Ginsberg 2019 (\$5,000)(Co-PI)*

**Mobility Systems for the Conner and Chalmers Neighborhoods** *UM Poverty Solutions 2018-2019 (\$41,442)(PI)*

**Supporting Economic Mobility through Community Mentorship** *UM Poverty Solutions 2018-2019 (\$30,000)(PI)*

**Improving Employability via Physical Crowdsourced Tasks** *UM Poverty Solutions 2016-2018 (\$22,941)(PI)*

**EAGER: Identifying Technical and Non-technical Feature Requirements to Generate Income-Earning Opportunities for Inexperienced Entrepreneurs** *National Science Foundation #IIS-1665049 2017-2019 (\$154,925)(PI)*

**EAGER: Integrated Vehicle-and-Service-Sharing Systems (V3S): Towards Barrier-free Design and Operations for Engaging the Underserved Communities** *National Science Foundation #CMMI 1636876 2016-2018 (\$188,920)(Co-PI)*

**EAGER: Identifying Barriers and Opportunities for Building SocioTechnical Capital**

*National Science Foundation* IIS-1352915 2015 (\$149,942)(PI)

**REU Supplement: EAGER: Identifying Barriers and Opportunities for Building SocioTechnical Capital**

*National Science Foundation* IIS-1352915 2015 (\$16,000)(PI)

**Reinventing Public Urban Transportation and Mobility**

*UM Michigan Institute for Data Science (MIDAS)* 2016-2019 (\$1,269,942)(Co-PI)

**Exploring Downward Mobility among Middle-Income African Americans: Interpretations of Social Mobility and the Impact of Information and Communication**

*UM Ford School* 2014-2015 (\$10,000)(PI)

**Understanding Massively Open Online Courses (MOOCs) as a Pathway to Employment for Low-Income Populations**

*Athabasca/Gates Foundation* (\$20,344)(PI)

**TEACHING**

*Courses Taught*

University of Michigan, SI 582: Introduction to Interaction Design, Fall 2014, Fall 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019

University of Michigan, SI 612: Pervasive Interaction Design, Winter 2015; Fall 2015, Fall 2016, Fall 2019

University of Michigan, SI 699: Mastery User Experience (UX) Research and Design, Fall 2018, Fall 2017

University of Michigan, SI 710: Research Methods for Special Populations, Winter 2017, Winter 2020, Winter 2021

Carnegie Mellon University, Android mobile application development, Fall 2010

*Teaching Assistant*

Carnegie Mellon University, Designing Human-Centered Systems, Spring 2010 (TA)

Carnegie Mellon University, Environmental Hackfest, Spring 2010 (TA)

*Guest Lectures*

Purdue Interdisciplinary Reading Group, Summer 2020

Notre Dame, CSE 40424 Introduction to HCI, Instructor: Ron Metoyer, Winter 2019



UMSI, SI-512 Citizen Interaction Design, Instructor: Cliff Lampe,  
Winter 2015  
UMSI, SI-860 Graduate Experimental Method, Instructor: Tanya Rosenblat,  
Fall 2014  
UMSI, SI-860 Graduate Experimental Methods, Instructor: Yan Chen, Winter 2013

## ADVISING

### Ph.D.

*University of Michigan at Ann Arbor*

#### **Sole Advisor:**

Chiao-Yin Hsiao (School of Information Candidate, successfully defended, Fall 2021)

#### **Co-Advisor:**

Aarti Israni (School of Information, degree expected 2023)

Alex Lu (School of Information, degree expected 2024)

#### **Dissertation Committee Member:**

KyungMin (Jason) Lee (Electrical Engineering and Computer Science, successfully defended Winter, 2017)

Youyang Hou (School of Information, successfully defended Winter 2018)

Priyank Chandra (School of Information Candidate, successfully defended Winter 2019)

Lindsey Cameron (Ross School of Business Candidate, successfully defended, Fall 2019)

Chuan-Che Huang (School of Information Candidate, successfully defended, Fall 2019)

Jean Hardy (School of Information Candidate, successfully defended, Winter 2020)

Edward Platt (School of Information, degree expected 2022)

Yixin Zou (School of Information, degree expected 2022)

Sylvia Darling (School of Information, degree expected 2024)

Ihudiya Finda Williams (School of Information, degree expected 2024)

*Carnegie Mellon*

Yasmine Kotturi (Human-Computer Interaction Institute, degree expected 2023)

Lynn Kirabo (Human-Computer Interaction Institute, degree expected 2024)

*University of Pittsburgh*

Di Lu (School of Information Candidate, successfully defended Winter 2019)

*Northwestern*

Angela D.R. Smith (Technology & Social Behavior, successfully defended Fall 2021)

Postdocs

Shruti Sannon (CRA CI Fellow, Winter 2022)

Julie Hui (Currently an Assistant Professor at UMSI)

Master's Thesis

Jiyeon Kim (MSI), "Understand whether there are differences in how American and Korean students spend their time on digital devices" April 2021 (committee member)

Alex Lu (MSI), Thesis title: "Design Practices and Guidelines for Empowerment." August 2019 (Advisor)

Master's Research

Anshika Saxena (MSI), Fall 2021 - present

Soyoung Lee (MSI), Summer 2021 - present

Li (Alice) Wang (MSI), late Winter 2021

Neng Pang (MSI), Summer 2020

Matthew Garvin (MSI), Fall 2020 - Winter 2021

Shivika Bisen (Data Science), Winter 2020 - Fall 2020

Kaushal Solanki (MSI), Fall 2019 – Winter 2020

Ruchita Lodha (MSI), Fall 2019 – Winter 2020

Alexis Ashby (MSI), Summer 2019 – Fall 2019

Denny Starks (MSI), Winter 2019 - present

Jacob Berman (MSI), Fall 2017 - Winter 2019

Saebom (April) Kwon (MSI), Fall 2017 – Winter 2019

Alex Lu (MSI), Fall 2017 - Winter 2019

Sylvia Simioni (REMS student from the University of Washington), Summer 2018

Jason Lam (MSI), Fall 2017 - Summer 2018

Marcy Held (MSI), Fall 2017 - Winter 2018

Colin Chen (MSI), Winter 2017

Raden Tonev (MSI), Fall 2016 - Fall 2017

Jessica Salvador (REMs student from the University of Washington), Summer 2016

Nishan Bose (MSI), Winter 2015 - Winter 2016

Samarth Gulati (MSI), Winter 2015

Jashanjit Kaur (MSI), Winter 2014 - Winter 2015

Zengguang Wang (UM Economics), Winter 2014

Michelle Fiesta (MSI), Fall 2013 - Winter 2014

Jonathan De Heus (MSI), Fall 2013 - Winter 2014

Bingxin Chen (UM Economics), Fall 2013

Sonali Mishra (MSI), Summer 2013

Undergraduate  
Research

Cindy Zhao (IOE), Fall 2021 - present  
Ameilia Duffy (BSI), Fall 2021 - present  
James Lisowski (BSI), Summer 2021 - present  
Sadhana Ramaseshadri (REU), Winter 2021  
Anna Gilhool (REU), Summer 2020 - Winter 2021  
Muhan Zhao (CS), Winter 2020-2021  
Mingzhi Cai (EE), Winter 2020 - 2021  
Darren Allen (BSI), Winter 2020  
Claire Zuo, Winter 2020  
Yongwei Yuan (UM Computer Science), Summer 2019 – Winter 2020  
Xuecong (Esme) Xu (UM Psychology), Fall 2018 – Winter 2019  
Jason Brill (UM CS/Design), Summer 2017 - Winter 2018  
Brittney Atkinson-McFarlane (NSF REU from Cornell University),  
Summer 2016  
David Cui (UM Business/CS), Fall 2015 - Winter 2016  
Mingda Tang (UROP), Fall 2016 - Winter 2017  
Yingwen (Eva) Li (UROP), Winter 2015 - Fall 2017  
Asha Chen-Phang (NSF REU student from Northeastern University), Summer 2015  
Akintunde (Akin) Oladele (NSF REU), Summer 2015  
Indulekha Ghandikota (UROP), Fall 2014 - Winter 2015  
Hailey Patterson (UROP), Fall 2014 - Winter 2015  
Amy Malone (NSF REU student from the University of Maryland),  
Summer 2014  
Benjamin Jen (UROP), Fall 2013  
Ameera Ayodeji (NSF REU student from Bowie State University),  
Summer 2013  
Thaddeus Brown (NSF REU student from Bowie State University),  
Summer 2013  
Sandy Ng (UM Biology),  
Summer 2013

High School

Malavika Krishnamachari (Visiting Research Assistant), Summer 2019  
Emory Kimball (UM Summer Youth Employee Program), Summer 2018  
David Cui, Summer 2015

**PROFESSIONAL ACTIVITIES/SERVICE**

University of  
Michigan School of  
Information

Diversity Equity and Inclusion (DEI) Faculty co-chair and committee member,  
2020-2021  
Dean's Advisory Committee Member (Elected), 2015-2016; 2020-2021  
Faculty Search Committee, 2014-2015, 2017, Fall 2018; Fall 2019  
Academic Program Council, 2020-2021  
Faculty Allies for Diversity, 2020-2021

	<p>Doctoral Committee, 2014-2016; 2019</p> <p>Michigan Interactive and Social Computing (MISC), Faculty Coordinator, 2013-2014</p>
UNIVERSITY OF MICHIGAN	<p>Digital Inclusion Policy Fellow Mentor, University of Michigan Poverty Solutions (2018-2020)</p> <p>Academic Innovation Advisory Committee (2019-2020; 2020-2021)</p>
PROFESSIONAL	NSF Review Panelist 2013, 2017, 2019, ad hoc reviewer 2021
JOURNAL AND CONFERENCE REVIEWING	<p>ACM TOCHI Transactions on Computer-Human Interaction (TOCHI) Associate Editor, 2020 – present</p> <p>ACM TOCHI 2016, 2017, 2019, 2020</p> <p>ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), 2013-2020</p> <p>International Conference on Human-Computer Interaction (INTERACT) 2017</p> <p>ACM Conference on Human Factors in Computing Systems (CHI), 2008-2018</p> <p>ACM Designing Interactive Systems (DIS), 2014-2019</p> <p>ACM MobileHCI, 2014</p> <p>International Journal of Hospitality Management, 2016</p> <p>IEEE Pervasive Computing, 2009, 2010, 2013, 2017</p> <p>ACM Conference on Pervasive and Ubiquitous Computing (UbiComp), 2014-2016</p> <p>Oxford University Press Community Development Journal, 2013</p> <p>ACM User Interface Software and Technology (UIST), 2013</p> <p>IEEE Information and Visualization (InfoVis), 2009</p>
Program Committees	<p>ACM CHI Awards Co-Chair 2021</p> <p>ACM Human Factors in Computing Systems (CHI), Subcommittee Chair (SC), 2019; 2020</p> <p>ACM CHI, Associate Chair, 2015, 2016, 2018;</p> <p>ACM Designing Interactive Systems (DIS), Associate Chair, 2017-2019;</p> <p>ACM CSCW Panels Chair 2018;</p> <p>Human Computer Interaction Consortium (HCIC) 2019;</p> <p>iConference Dissertation Award Committee, 2019;</p> <p>ACM Conference on Supporting Group Work (GROUP), Associate Chair, 2016;</p> <p>ACM ICT for Sustainability (ICT4S), Associate Chair, 2015, 2016;</p> <p>Florida Artificial Intelligence Research Society (FLAIRS), Associate Chair, 2011</p>
Carnegie Mellon University (CMU)	<p>CMU's "A Celebration of Diversity in Science, Technology, Engineering, and Math (STEM)" panelist, 2012;</p> <p>CMU's Fusion Forum Panelist for undergraduates. Program for underrepresented minorities interested in graduate school, 2007-2010;</p> <p>Housing Authority of the City of Pittsburgh Clean Slate Panelist, 2009;</p>

Volunteer for Fostering Academic and Social Achievement (F.A.S.A.) Summer Media Technology Project, 2009

Student Volunteer      ACM Human Factors in Computing Systems (CHI), 2008, 2011

**OTHER SERVICE**

Our House Mentor (a program to support youth who are aging out of the foster care system), 2014 – present;

Advisory Board Member 2019 - present

Michigan Works! Job Seeker Services Committee (2019)

**PATENTS**

United States Patent: US 9,159,088

Title: Generating a Location-Aware Preference and Restriction-Based Customized Menu

Inventors: **Tawanna Dillahunt**, Peter Malkin, Mark N. Wegman

Assignee: IBM Research

United States Patent: US 9,395,198 & US 9,395,199

Title: Dynamic Routing Via Intelligent Mapping System

Inventors: **Tawanna Dillahunt**, Peter Malkin

Assignee: IBM Research

United States Patent: US 8,688,090

Title: Data Session Preferences (Adaptive Mobile Messaging)

Inventors: **Tawanna Dillahunt**, Jason B. Ellis, Robert G. Farrell

Assignee: IBM Research